EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("6401085".pn.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:55
L2	2	("6421714".pn.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:55
L3	2	"6449638".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:58
L4	2	"6397256".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:59
L5	2	"6360257".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:59
L6	2	"5394433".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:59
L7	1	(LAN) near4 (router switch) same (RAS) same (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:00
L8	1	(LAN) near4 (router switch) same (RAS) and (WAP adj gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:01
L9	4	(LAN) near4 (router switch) and (RAS) and (WAP adj gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:01
L10	98	"709"/$.ccls. and (encod$5 decod$5) same (WML) same (HTML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:05

EAST Search History

S1	2416	(WAP) near4 (server gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:38
S2	1654	(WAP) adj (server gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:45
S3	0	(WAP) adj (server gateway) same (WAP) near5 (network near4 manager) near4 (GUI interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:48
S4	3	(WAP) adj (server gateway) same (WAP) same(network near4 manager) same (GUI interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:41
S5	1	09/828702	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:47
S6	1	09/729234	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:47
S7	3	(WAP) adj (gateway) same (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:49
S8	1139	(WAP) adj (gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:49
S9	3	(WAP) adj (gateway) and (MIB) and (SNMP) and (WML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:50
S10	3	(WAP) adj (gateway) and (MIB) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:50
S11	15	(WAP) adj (gateway) and (SNMP) and (WML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 09:56

EAST Search History

S12	22	(WAP) adj (gateway) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:19
S13	40	(WAP) same (NMS (network adj management adj (server gateway)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:39
S14	2	"6766165".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:25
S15	4	("6226498" | "6292657" | "6434364" | "6594470").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 10:26
S16	427	(WAP) and (NMS (network adj management adj (server gateway)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:58
S17	553	(WML (wireless adj mark$up language)) same (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:44
S18	4	(WML (wireless adj mark$up adjlanguage)) same (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:44
S19	15	(WAP) adj (server gateway) and (WML) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:49
S20	2	"6336137".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 10:47
S21	65	(WML) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 11:50
S22	94	(wireless adj application adj protocol) and (NMS (network adj management adj (server gateway)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:00

EAST Search History

S23	5	(wireless adj application adj protocol) and (network adj management adj (server gateway))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:01
S24	4	("6226498" | "6292657" | "6434364" | "6594470").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/27 12:00
S25	109	(wireless adj application adj protocol) and (network adj manag$5) and (WML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:22
S26	3	(wireless adj application adj protocol) near4 (router)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:13
S27	59	(wireless adj application adj protocol) near4 (router proxy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:22
S28	38	((wireless adj application adj protocol) WAP) and (MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:29
S29	41	((wireless adj application adj protocol) WAP) and ((management adj information adj base) MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:38
S30	1	(wireless adj device adj manag$5) and ((management adj information adj base) MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:37
S31	2	(wireless adj device adj manag$5) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:38
S32	41	((wireless adj acess adj protocol) WAP) and ((management adj information adj base) MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 12:42
S33	3	09/205911	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:37

EAST Search History

S34	0	solestice near4 (Wireless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:44
S35	0	solstice near4 (Wireless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:44
S36	0	solstice$5 same (WAP) same (WML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:45
S37	1	solstice$5 same (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:45
S38	1	solstice$5 and (WAP) same (WML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:46
S39	3	solstice$5 and (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 13:48
S40	15	(portable adj management adj interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 14:04
S41	10	(portable adj management adj interface) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/27 14:05
S42	8511	(wireless near5 (network device node) near5 (manag$5 monitor$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 08:32
S43	145	S42 and (WAP near4 gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:45
S44	105	(wireless near5 (network device node) near5 (manag$5 monitor$5)) and (SNMP) and (MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:22

EAST Search History

S45	2	"6799203".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 08:48
S46	5	("6336137" | "6356529" | "6418146" | "6456857" | "6675219").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 08:48
S47	0	(WAP near4 gateway) same (encod$5) same (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:09
S48	3	(WAP near4 gateway) same (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:17
S49	9	(WAP near4 gateway) same (translat$5 encod$5 decod$5) and (SNMP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:13
S50	2	(WAP near4 gateway) same (translat$5 encod$5 decod$5) and (MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:14
S51	1	(WAP near4 gateway) same (MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:14
S52	6	(WAP near4 gateway) and (MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:15
S53	2	"6766165".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:19
S54	4	("6226498" | "6292657" | "6434364" | "6594470").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 09:24
S55	612	(PDA) near5 (WAP)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 09:24
S56	154	(PDA) adj (WAP)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/28 09:26
S57	20	(PDA near3 capab$5) near4 (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:27

EAST Search History

S58	20	(PDA near3 capab$5) near4 (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 09:27
S59	240	(encod$5 decod$5) same (WML) same (HTML)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:05
S60	9	(wireless near5 (network device node) near5 (manag$5 monitor$5)) and (SNMP) and (MIB) and (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:30
S61	330	((portable adj management adj interface) (PIM)) and (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:32
S62	0	((portable adj management adj interface)) and (WAP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:30
S63	0	((portable adj management adj interface)) and (Wml)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:36
S64	267	(WAP) near4 (TCP?IP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:37
S65	265	(WAP) near4 (TCP/IP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:38
S66	1443	(WAP near4 gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:45
S67	24	(WAP near4 gateway) and (Simple adj network adj management adj protocol)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:04
S68	6	(WAP near4 gateway) and (MIB)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 10:55

EAST Search History

S69	1443	(WAP near4 gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:04
S70	4	(SNMP) same (wml)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:22
S71	2	"6335137".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 11:24
S72	2	"6336137".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 12:57
S73	5	(LAN) same (RAS) same (WAP near3 gateway)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/02/28 13:00

Nothing Found

Your search for **+WAP +gateway +SNMP manage managing manager** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

  ```
  sales offices
  ```

  You can also enter a full question or concept in plain language.

  ```
  Where are the sales offices?
  ```

- Capitalize proper nouns to search for specific people, places, or products.

  ```
  John Colter, Netscape Navigator
  ```

- Enclose a phrase in double quotes to search for that exact phrase.

  ```
  "museum of natural history" "museum of modern art"
  ```

- Narrow your searches by using a + if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a - if a search term must not appear on a page.

  ```
  museum -Paris
  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

Nothing Found

Your search for **+WAP +gateway +SNMP** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

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- Narrow your searches by using a + if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a - if a search term must not appear on a page.

  ```
  museum -Paris
  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

Search Error

Your search for **+WAP +gateway +MIB** contains invalid or malformed syntax.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

  ```
  sales offices
  ```

  You can also enter a full question or concept in plain language.

  ```
  Where are the sales offices?
  ```

- Capitalize proper nouns to search for specific people, places, or products.

  ```
  John Colter, Netscape Navigator
  ```

- Enclose a phrase in double quotes to search for that exact phrase.

  ```
  "museum of natural history" "museum of modern art"
  ```

- Narrow your searches by using a + if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a - if a search term must not appear on a page.

  ```
  museum -Paris
  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

Search Error

Your search for **+WAP +gateway managing manager manage** contains invalid or malformed syntax.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

```
sales offices
```

  You can also enter a full question or concept in plain language.

```
Where are the sales offices?
```

- Capitalize proper nouns to search for specific people, places, or products.

```
John Colter, Netscape Navigator
```

- Enclose a phrase in double quotes to search for that exact phrase.

```
"museum of natural history" "museum of modern art"
```

- Narrow your searches by using a + if a search term must appear on a page.

```
museum +art
```

- Exclude pages by using a - if a search term must not appear on a page.

```
museum -Paris
```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

Published before May 2001
Terms used **WAP gateway**

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Results 1 - 20 of 40 Result page: **1** 2 3 next

Relevance scale

1 WAP traffic: description and comparison to WWW traffic

Thomas Kunz, Thomas Barry, James P. Black, Hugh M. Mahoney
August 2000 **Proceedings of the 3rd ACM international workshop on Modeling, analysis and simulation of wireless and mobile systems**
Publisher: ACM Press

Full text available: pdf(818.77 KB) Additional Information: full citation, abstract, references, citings, index terms

The characteristics of the data traffic generated by the use of micro-browser-enabled PCS phones to gain access to the Web is of particular interest to cellular network operators. Questions such as the frequency and length of browser sessions, and the specific characteristic of the traffic generated, need to be answer by researchers. These answers are valuable in network capacity planning as more subscribers use their cellular phones to interact with the Web.

2 WAPcam --- using a WAP application in student education

April 2001 **ACM SIGGROUP Bulletin**, Volume 22 Issue 1
Publisher: ACM Press
Full text available: pdf(704.67 KB) Additional Information: full citation, references, index terms, review

3 EIHA?!?: deploying Web and WAP services using XML technology

Chiara Biancheri, Jean-Christophe Pazzaglia, Gavino Paddeu
March 2001 **ACM SIGMOD Record**, Volume 30 Issue 1
Publisher: ACM Press
Full text available: pdf(744.53 KB) Additional Information: full citation, abstract, index terms

The exponential growth of resources on the web, and the wide deployment of devices for multimodal access to the Internet, lead to new problems in information management. In this context, and as part of the European project Vision, we have built an interactive telematic handbook of the culture and the territory of Sardinia. A team of cultural experts browsed the web to get a large collection of Internet resources.The system built for the management of this data uses emerging Internet technologies ...

Keywords: DBMS, DTD, WAP, WML, XML, XSL, metadata, search engine

4 Performance of a weakly consistent wireless web access mechanism

Ming Feng Chang, Yi-Bing Lin

December 2000 **ACM SIGMETRICS Performance Evaluation Review**, Volume 28 Issue 3

Publisher: ACM Press

Full text available: pdf(498.75 KB) Additional Information: full citation, abstract, index terms

In wireless web information access, long response may be experienced. To reduce the response times of wireless data access in a mobile network, caches are utilized in the wireless handheld devices or wireless proxy server. This paper proposes a wireless web data access algorithm for WAP (wireless application protocol) caching proxy to speed up data access. Our algorithm utilizes the access frequency to tune the data expiration time. The performance of the algorithm is investigated and is compare ...

5 Software security and privacy risks in mobile e-commerce

Anup K. Ghosh, Tara M. Swaminatha

February 2001 **Communications of the ACM**, Volume 44 Issue 2

Publisher: ACM Press

Full text available: pdf(90.58 KB) html(38.81 KB) Additional Information: full citation, references, citings, index terms

6 Mobile commerce for financial services---killer applications or dead end?

Michael Semrau, Achim Kraiss

April 2001 **ACM SIGGROUP Bulletin**, Volume 22 Issue 1

Publisher: ACM Press

Full text available: pdf(469.50 KB) Additional Information: full citation, abstract, index terms

Since mobile commerce (m-commerce) started to be intensively discussed in the press, financial service companies are said to be the winners of m-commerce. But looking at existing m-commerce applications, you will find *really* interesting information only on few sites. In addition, there are many of these applications, which are just in a prototype state and not yet available to the customers. Based on the lessons we have learned from building prototype and productive m-commerce application ...

7 Cellular networks: past, present and future

Lourens O. Walters, P. S. Kritzinger

December 2000 **Crossroads**, Volume 7 Issue 2

Publisher: ACM Press

Full text available: html(59.53 KB) Additional Information: full citation, index terms

8 WebViews: accessing personalized web content and services

Juliana Freire, Bharat Kumar, Daniel Lieuwen

April 2001 **Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM Press

Full text available: pdf(305.83 KB) Additional Information: full citation, references, citings, index terms

Keywords: Web clipping, content transcoding, dynamic content, electronic commerce, information delivery, personalization, smart bookmarks, voice interfaces, wrappers

9 Papers: ESW4: enhanced scheme for WWW computing in wireless communication

environments
Stathes Hadjiefthymiades, Lazaros Merakos
October 1999 **ACM SIGCOMM Computer Communication Review**, Volume 29 Issue 5
Publisher: ACM Press
Full text available: pdf(1.18 MB) Additional Information: full citation, abstract, references, citings

Mobile computing is considered of major importance to the computing industry for the forthcoming years due to the progress in the wireless communications domain. In this paper, we present a proxy-based architecture, called ESW4, which manages to accelerate Web browsing in wireless CPNs. Proxy caches, maintained in base stations, are constantly relocated to accompany the roaming user. We discuss a cache management scheme involving the relocation of full caches to the most candidate cells but also ...

10 Introduction to mobile computing
Sandeep Jain
December 2000 **Crossroads**, Volume 7 Issue 2
Publisher: ACM Press
Full text available: html(23.18 KB) Additional Information: full citation, index terms

11 Using proxy cache relocation to accelerate Web browsing in wireless/mobile communications
Stathes Hadjiefthymiades, Lazaros Merakos
April 2001 **Proceedings of the 10th international conference on World Wide Web**
Publisher: ACM Press
Full text available: pdf(321.90 KB) Additional Information: full citation, references, citings, index terms

Keywords: W4, cache relocation, learning automaton, mobile computing, path prediction, proxy cache

12 Emerging mobile and wireless networks
Upkar Varshney, Ron Vetter
June 2000 **Communications of the ACM**, Volume 43 Issue 6
Publisher: ACM Press
Full text available: pdf(609.43 KB) html(36.15 KB) Additional Information: full citation, references, citings, index terms, review

13 We Talk to Everybody
Marjorie Richardson, Jason Schumaker, David Penn
June 2000 **Linux Journal**
Publisher: Specialized Systems Consultants, Inc.
Full text available: html(96.53 KB) Additional Information: full citation, abstract, index terms

A quick look at some of the people who helped make Linux possible.

14 Getting the mobile users in: three systems that support collaboration in an environment with heterogeneous communication devices
Thomas Rist, Patrick Brandmeier, Gerd Herzog, Elisabeth André
May 2000 **Proceedings of the working conference on Advanced visual interfaces**

Publisher: ACM Press
Full text available: pdf(737.37 KB) Additional Information: full citation, abstract, references, index terms

In this paper we present MapViews, Magic Lounge, and Call-Kiosk, three different but related systems that address the integration of mobile communication terminals into multi-user applications. MapViews is a test-bed to investigate how a small group of geographically dispersed users can jointly solve localization and route planning tasks while being equipped with different communication terminals. Magic Lounge is a virtual meeting space that provides a number of communication support servic ...

Keywords: collaborative systems, mobile communication, multimedia

15 Composite Device Computing Environment: A Framework for Situated Interaction Using Small Screen Devices
Thai-Lai Pham, Georg Schneider, Stuart Goose, Arturo Pizano
January 2001 **Personal and Ubiquitous Computing**, Volume 5 Issue 1
Publisher: Springer-Verlag
Full text available: pdf(97.91 KB) Additional Information: full citation, abstract, citings, index terms

Contemporary small screen devices are used as personal companion or communication devices. However, their physical dimensions constrain the processing, communication and user interface capabilities. Thus, rich content presentation and diverse service access via small screen appliances is limited accordingly. This paper introduces the Composite Device Computing Environment (CDCE) that provides a framework for dynamically detecting and utilising surrounding computing resources to overcome the smal ...

16 Personal Information Everywhere (PIE)
Boaz Carmeli, Benjamin Cohen, Alan J. Wecker
May 2000 **Proceedings of the eleventh ACM on Hypertext and hypermedia**
Publisher: ACM Press
Full text available: pdf(23.97 KB) Additional Information: full citation, references, citings, index terms

Keywords: PDA, XML, client/server hypermedia system, mobile, pervasive computing

17 Inter-organization networks: implications of access control: requirements for interconnection protocol
D Estrin
August 1986 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM SIGCOMM conference on Communications architectures & protocols SIGCOMM '86**, Volume 16 Issue 3
Publisher: ACM Press
Full text available: pdf(1.11 MB) Additional Information: full citation, abstract, references, index terms

When two or more distinct organizations interconnect their internal computer networks they form an Inter-Organization Network(ION). IONs support the exchange of cad/cam data between manufacturers and subcontractors, software distribution from vendors to users, customer input to suppliers' order-entry systems, and the shared use of expensive computational resources by research laboratories, as examples. This paper analyzes the technical implications of interconnecting networ ...

18 Intermediaries personalize information streams

Paul Maglio, Rob Barrett
August 2000 **Communications of the ACM**, Volume 43 Issue 8
Publisher: ACM Press
Full text available: pdf(304.91 KB) html(26.83 KB) Additional Information: full citation, references, citings, index terms, review

19 PRAVTA---a light-weight mobile awareness client
Tom Gross
April 2001 **ACM SIGGROUP Bulletin**, Volume 22 Issue 1
Publisher: ACM Press
Full text available: pdf(1.28 MB) Additional Information: full citation, abstract, references, index terms

Despite huge progress in information and communication technology it is often difficult to spontaneously contact persons who are at other locations. Often important information about the persons at other sites is missing. Users need to know if the potential communication or cooperation partners are present in the system, if they are available, how busy they are, and so forth. Furthermore, users need this information independently of their current location and adapted to their current context. In ...

20 WEST: a Web browser for small terminals
Staffan Björk, Lars Erik Holmquist, Johan Redström, Ivan Bretan, Rolf Danielsson, Jussi Karlgren, Kristofer Franzén
November 1999 **Proceedings of the 12th annual ACM symposium on User interface software and technology**
Publisher: ACM Press
Full text available: pdf(173.07 KB) Additional Information: full citation, abstract, references, citings, index terms

We describe WEST, a WEb browser for Small Terminals, that aims to solve some of the problems associated with accessing web pages on hand-held devices. Through a novel combination of text reduction and focus+context visualization, users can access web pages from a very limited display environment, since the system will provide an overview of the contents of a web page even when it is too large to be displayed in its entirety. To make maximum use of the limited resources available on a typica ...

Keywords: WAP (wireless application protocol), flip zooming, focus+context visualization, hand-held devices, proxy systems, text reduction, web browser

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